ABSTRACT

The invention relates to a microphone component that may be used in many types of enclosure for making contact with a living body for picking up body sounds. Piezoelectric transflexural diaphragm elements (3, 5, 6) are known, however, they are only useful as microphone elements when the manner of creating electrical contact does not influence their mechanical properties. According to the invention a microphone component has been developed, which is both rugged and amenable to very inexpensive manufacture. This is obtained in a laminated construction comprising a special layer placed between the piezoelectric transflexural diaphragm element and the electrical interface element.

(Fig. 5)